

The language of education

ESEAP Wikidata Workshop

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WIKIMEDIA ESEAP CONFERENCE
KOTA KINABALU 2024
COLLABORATION BEYOND THE HORIZON

Workshop facilitator



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Educator, Librarian,
Wikimedian



Why are we here?

Collaboration

Improve content about education on Wikidata

Celebrate ESEAP languages



Introduce yourself

2009 Australian Curriculum v1

National collaboration to model and create a machine-readable curriculum.

[Machine readable standard](#)
[Subject thesaurus](#)

2018 Dr Toby Hudson

[A multi-language syllabus drawing live data from Wikidata](#) (University of Sydney)

2024 Wikidata in Education

[Sailesh Patnaik's presentation](#)
UNESCO report on the Wikidata Curriculum project - pending

PISA reading scores

	Reading score 2022	Reading score change from 2018	
Above the OECD average	Singapore	543	-7
	Ireland*	516	-2
	Japan	516	12
	Korea	515	1
	<i>Chinese Taipei</i>	515	13
	Estonia	511	-12
	<i>Macao (China)</i>	510	-15
	Canada*	507	-13
	United States*	504	-1
	New Zealand*	501	-5
	<i>Hong Kong (China)*</i>	500	-25
	Australia*	498	-5

Countries and economies are ranked in descending order of the mean performance in reading.

Source: OECD PISA 2022 Database, Volume I Table I.B1.2.2 and Table I.B1.3.5.

PISA 2022 Results



	Reading score 2022	Reading score change from 2018	
Below the OECD average	Malaysia	388	-27
	Kazakhstan	386	-1
	Saudi Arabia	383	-17
	Thailand	379	-14
	Mongolia	378	N.A
	Guatemala	374	5
	Georgia	374	-6
	Paraguay	373	3
	<i>Baku (Azerbaijan)</i>	365	-24
	El Salvador	365	N.A
	Indonesia	359	-12
	North Macedonia	359	-34
	Albania	358	-47
	Dominican Republic	351	10
	<i>Palestinian Authority</i>	349	N.A
	Philippines	347	7



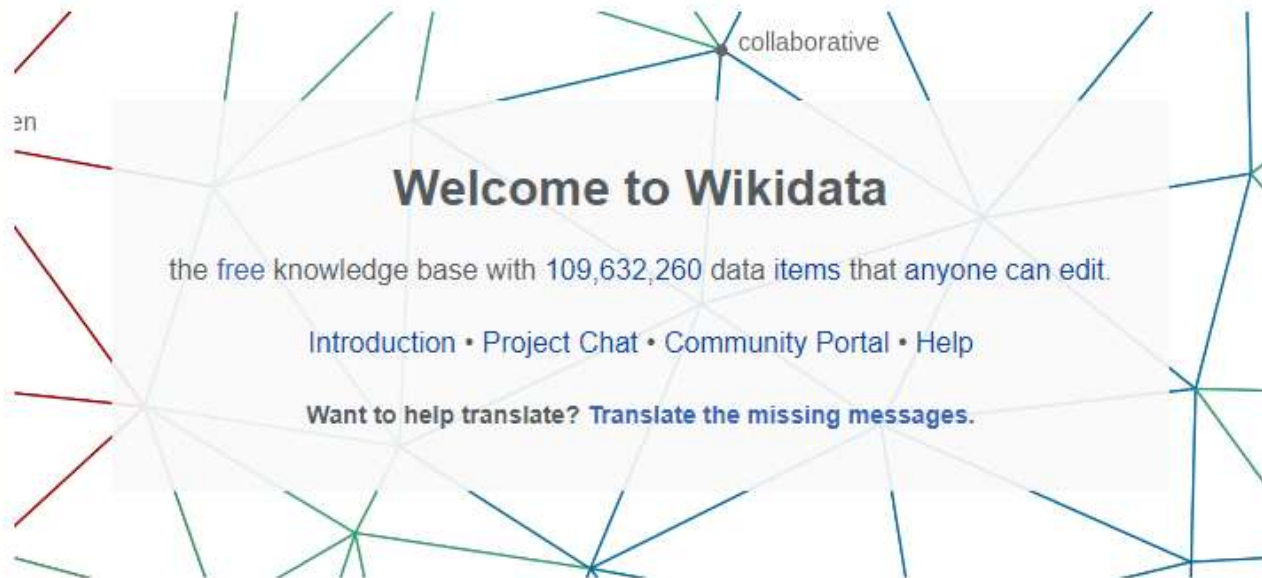
[Main Page](#)

[Discussion](#)

[Read](#)

[View source](#)

[View history](#)



Welcome to Wikidata

the free knowledge base with 109,632,260 data items that anyone can edit.

[Introduction](#) • [Project Chat](#) • [Community Portal](#) • [Help](#)

Want to help translate? [Translate the missing messages.](#)



Welcome!

Wikidata is a free and open knowledge base that can be read and edited by both humans and machines.

Wikidata acts as central storage for the



Learn about data

New to the wonderful world of data? [Develop and improve your data literacy through content](#) designed to get you up to speed and feeling comfortable with the fundamentals in no time.

- [Main page](#)
- [Community portal](#)
- [Project chat](#)
- [Create a new Item](#)
- [Recent changes](#)
- [Random Item](#)
- [Query Service](#)
- [Nearby](#)
- [Help](#)
- [Donate](#)

- [Lexicographical data](#)
- [Create a new Lexeme](#)
- [Recent changes](#)
- [Random Lexeme](#)

Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)

Task 1

Set up Wikidata

Login: wikidata.org

Set language/s

Preferences: Internationalisation

User page: add languages, eg `{{#babel:en}}`

User page: link to workshop dashboard



Task 2

Get a partner

Same language, country or interests

Move! Collaboration is our theme

Choose your assignment



Task 3

Search for gaps

- * Add more language labels
- * Add descriptions
- * Add synonyms

- * Find duplicates
- Merge
- * Identify missing Wikipedia articles



In more languages



- Main page
- Community portal
- Project chat
- Create a new item
- Recent changes
- Random item
- Query service
- Nearby
- Help
- Donate

- Lexicographical data
- Create a new Lexeme
- Recent changes
- Random Lexeme
- Tools
- AutosuggestSiteLink
- What links here

Item [Discussion](#)

listening comprehension (Q96199221)...

ability to understand spoken language via hearing

[listening comprehension](#) | [auditory comprehension](#) | [aural comprehension](#)

[edit](#)

► [RecoIn: Most relevant properties which are absent](#)

▼ [In more languages](#)

[Configure](#)

Language	Label	Description	Also known as
English	listening comprehension	ability to understand spoken language via hearing	listening comprehension auditory comprehension aural comprehension
Greek	Ακουστική κατανόηση	No description defined	
Finnish	kuullun ymmärtäminen	No description defined	kuullunymmärtäminen
Swedish	hörförståelse	No description defined	
Chinese	听力理解	No description defined	

[Fewer languages](#)

Education glossaries

glossaries

- [Glossary of education terms](#) (Wikipedia)
- [Glossary of education reform](#) (Great Schools Partnership)
- [New Zealand learning practice](#) (Education Review Office)
- [ScOT](#) (Australian education vocabularies)
- [UNESCO thesaurus](#)
- [Analysis and Policy Observatory](#)
- [ATED](#) (Australian Council for Educational Research)



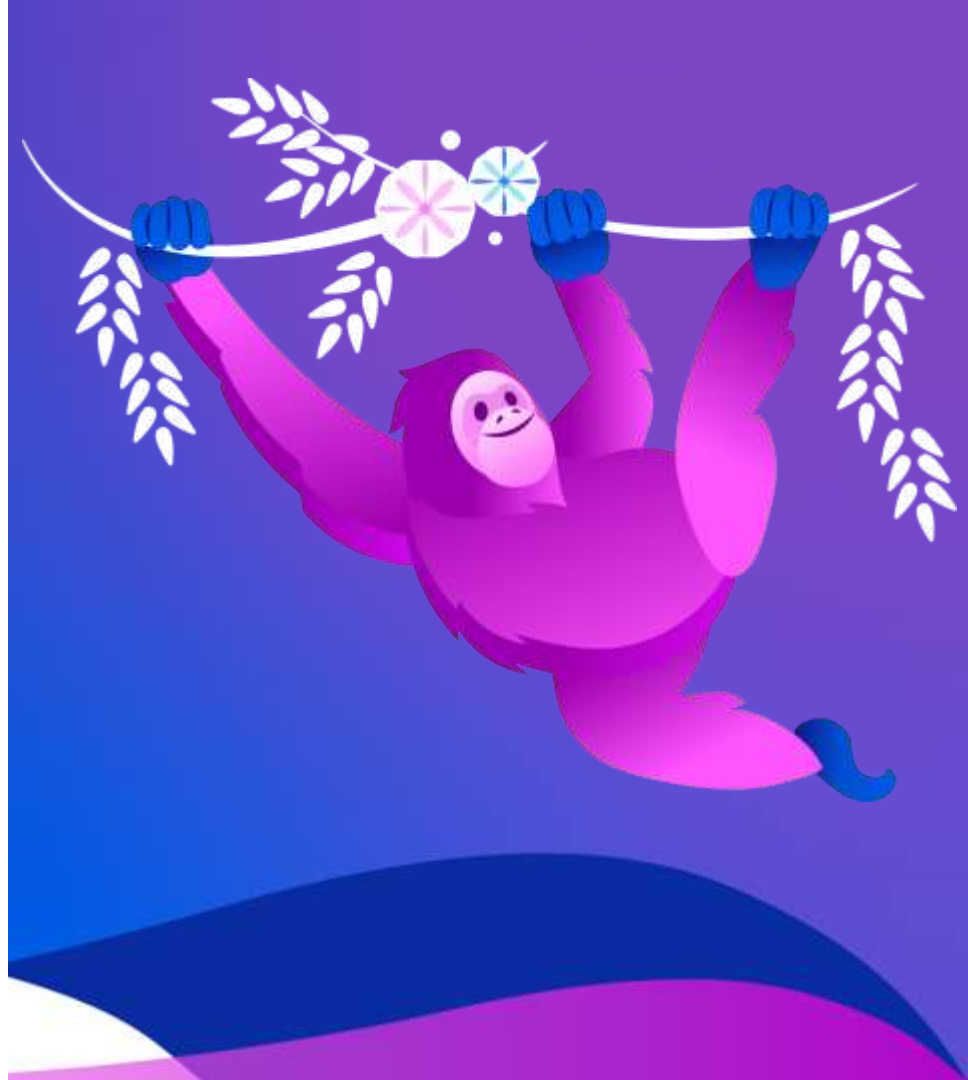
Report back



Task 4

Add subjects to works

- * Search Wikidata by subject
eg lifelong learning
- * Choose a scholarly article
- * Add P921 main subject
add reference: based on heuristic
inferred from title




Language	Label	Description	Also known as
English	Keterampilan Berpikir Kritis IPA Siswa SD: Brain Based Learning (BBL) dan Problem Based Learning (PBL)	No description defined	

[All entered languages](#)

Statements

instance of



scholarly article ...  edit

▼ 0 references

+ add reference

+ add value

main subject

 educational neuroscience publish cancel 

Educational Neuroscience
scientific field which is multidisciplinary

Educational Neuroscience
journal

Educational Neuroscience
US scientific journal

Educational Neuroscience

Task 5

Add new concepts

Search diligently first in case it exists in another language

Find a similar concept to copy the model

Find an authority to reference





What's next?

Wikidata:Wikidata for Education

Digitising Curricula

About

Team

Get Involved

Timeline



Discussion

Campaign

Digitizing Curricula

Wikidata for Education is an initiative that aims to ensure that the "sum of all knowledge" can be aligned with school curricula and easily accessible by teachers and students to achieve their learning objectives. At present, aligning open educational resources with local, national, and international curriculum frameworks is difficult, because standards, competencies, and other elements of curricula are not machine-readable. Wikidata for Education will start with a pilot project in Ghana to structure curriculum data, add it to Wikidata, create more curriculum-aligned content, and develop platforms that help curate it. Below are examples of how this initiative will impact global education.

Stay up-to-date:

- Sign up for the newsletter!
- Write to us education@wikimedia.org
- We post in the various Wikidata communities via telegram, facebook and email. Follow us for more updates.

Ways you can help:

Related presentation Sailesh Patnaik

Wikicurricula Ghana

Year 2023	Subject English Language	Sort by Article name
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https://commons.wikimedia.org/wiki/File:Wikidata_for_Education_-_ESEAP.pdf

Curriculum

National Curriculum of Ghana (Q113445393)...

National Curriculum of Ghana published by NaCCa

Ghana National Curriculum

Recon: Most relevant properties which are absent

In more languages

Compare

Language	Label	Description	Also known as
English	National Curriculum of Ghana	National Curriculum of Ghana published by NaCCa	Ghana National Curriculum

All entered languages

Statements

instance of	curriculum ...	edit
	+ 1 reference	
		+ add value
subclass of	national curriculum ...	edit
	+ 0 references	
		+ add reference
		+ add value
country	Ghana ...	edit
	+ 1 reference	
		+ add value
official website	https://naCCA.gov.gh/?page_id=4031 ...	edit
	language of work or name	English
	+ 1 reference	
		+ add value
has part(s)	National Curriculum of Ghana for Basic School ...	edit

Curriculum topics (strands)

curriculum topics

 Conversation/Everyday Discourse ...  edit

▶ 1 reference

 Listening Comprehension ...  edit

▶ 1 reference

 English sounds ...  edit


▶ 1 reference

 Comprehension ...  edit

▶ 1 reference

 Summarising ...  edit

▶ 1 reference

 Punctuation and Capitalisation ...  edit

▶ 1 reference

 Vocabulary and Spelling ...  edit

Substrands

Listening Comprehension (Q115804776)...

sub-strand or course for the Ghana English Language curriculum for Basic 7

↳ Reason: Most relevant properties which are absent

↳ In more languages

Compare

Language	Label	Description	Also known as
English	Listening Comprehension	sub-strand or course for the Ghana English Language curriculum for Basic 7	

All entered languages

Statements

instance of	↳ course ...	
	↳ 1 reference	
		+ add value

subclass of	↳ Oral Language ...	
	↳ 1 reference	
		+ add value

part of	↳ English Language Curriculum for Basic 7 ...	
	retrieved 5 June 2023	
	page(s) 5, 41	
	↳ 1 reference	
		+ add value

country	↳ Ghana ...	
	↳ 1 reference	
		+ add value

main subject	↳ listening comprehension ...	
	↳ 1 reference	
		+ add value

has part(s)	↳ Demonstrate the ability to listen to extended reading and identify key information ...	
	↳ 1 reference	

